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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/897,172	07/02/2001	Ryusuke Sawatari	09792909-5085	2924

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EXAMINER

TRAN, MYLINH T

ART UNIT

PAPER NUMBER

2174

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8

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/897,172

Applicant(s)

SAWATARI, RYUSUKE

Examiner

Mylinh T Tran

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 January 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Applicant's Amendment filed 03/22/04 has been entered and carefully considered. Claims 1 and 12 have been amended. However, limitations of the amended claims have not been found to be patentable over prior art of record, therefore, claims 1-18 are rejected under the new ground of rejection as set forth below.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over MacPhail [US. 6,597,377] in view of Murphy et al. [US. 6,282,362].

As to claims 1 and 12, MacPhail discloses image input means for obtaining an image signal (column 1, line 52 through column 2, line 18); receiving means for receiving said link information comprising content information (column 2, lines 37-53 and column 5, lines 31-50); superimposing means for superimposing said link content onto said image signal (column 5, line 50 through column 6, line 31 and column 3, lines 60-66, the link information is superimposed on the object in child window 26, each web page contains a link information); MacPhail also cites "contains information on how the object or web pages are linked. The web links object may also reflect information on the relationship between the objects,

such as by providing titles or labels associated with each object; and display means for displaying said superimposed signal (column 3, lines 1-23). The difference between MacPhail et al. and the claim is a link position information; video input means for obtaining video signal of real space and display position determining means for determining a display position of said link content information on the basis of said link position information. Murphy et al. teaches link position information and video input means for obtaining video signal of real space at figure 1, (110), column 6, lines 12-60); and display position determining means for determining a display position of said link content information on the basis of said link position information (column 10, lines 44-60). It would have been obvious to one of ordinary skill in the art, having the teachings of MacPhail et al. and Murphy et al. before them at the time the invention was made to modify the link content information as taught by MacPhail et al. to include the display position of display the link on the display means in accordance with the link position information of Murphy et al., for the purpose to display the link information superimposed on the image signal of the actual object as taught by Murphy et al.

As to claim 2, MacPhail also discloses the image input means comprises an imaging device for imaging the image signal of an actual object (column 3, line 55 through column 4, line 25. The actual object is a physical object which is displayed at figure 3, (30, 38)).

As to claim 3, MacPhail teaches the image input means comprises an image signal reproducing device for reproducing the image signal stored onto an image recording medium (see abstract).

As to claims 4 and 18, MacPhail also teaches storing means for storing said synthesized image signal (column 5, line 50 through column 6, line 31. The synthesizing means is the combination of the link information and the image signal which is taught at figure 3, window 24 contains the object (30) and the link information between the objects). MacPhail also cites "contains information on how the object or web pages are linked. The web links object may also reflect information on the relationship between the objects, such as by providing titles or labels associated with each object; and display means for displaying said synthesized image signal (column 3, lines 1-23).

As to claims 5 and 13, MacPhail shows attribute information detection means for detecting attribute information from said received link information (column 5, lines 31-67).

As to claims 6 and 14, MacPhail also shows selection means for, when said link information transmitter transmits a plurality of pieces of link information, selecting predetermined link information in accordance with the attribute information detected by said attribute information detection means (column 2, lines 1-50).

As to claims 7, 15 and 16, MacPhail demonstrates link position detection means for detecting link position information from said received link information

(column 4, lines 1-43 “the arrowheads on the lines in web links object may be used to indicate whether there is one-way link or a two-way link between two pages”, the link position information is information indicating the space position of the link).

As to claim 8, MacPhail also demonstrates transmitting position detection means for detecting the position of said transmitter in accordance with said received link information (column 2, lines 1-50).

As to claim 9, MacPhail provides coordinate conversion means for determining a display position to display a link on said display means in accordance with said link position information (column 4, lines 1-43, “the arrowheads on the lines in web links object may be used to indicate whether there is one-way link or a two-way link between two pages”, the link position information is information indicating the space position of the link).

As to claim 10, MacPhail also provides coordinate conversion means calculates a display position to display a link on said display means in accordance with said link position information and the position of said transmitter (column 4, line 59 through column 5, line 30).

As to claims 11 and 17, MacPhail discloses when a plurality of pieces of link information are displayed, said display means lines up and displays these pieces of link information at predetermined positions on the display screen (column 4, lines 59 through column 30).

Response to Arguments

Applicant's arguments with respect to claims 1 and 12 have been considered but are moot in view of the new ground of rejection.

Conclusion

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires fax a response, (703) 746-7238, may be used for formal After Final communications, (703) 746-7239 for Official communications, or (703) 746-4395 for Non-Official or draft communications. NOTE, A Request for Continuation (Rule 60 or 62) cannot be faxed.

Please label "PROPOSED" or "DRAFT" for information facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Fourth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran whose telephone number is (703) 308-1304. The examiner can normally be reached on Monday-Thursday from 8.00AM to 6.30PM

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640,

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All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Mylinh Tran

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Kristine Kincaid
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